

O I P E  
JAN 21 2003



Attorney Docket: 381TO/41670C4  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: TAKASHI MUKAIHIRA ET AL.

Serial No.: 10/032,102 Group Art Unit: 3748

Filed: DECEMBER 31, 2001 Examiner: B. TRAN

Title: SYSTEM FOR DIAGNOSING DETERIORATION OF  
CATALYST

ADDITIONAL CLAIMS FEE TRANSMITTAL

Commissioner for Patents  
Washington, D.C. 20231

Sir:

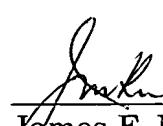
Transmitted herewith is an Amendment with fees as calculated below:

For	No. After Amendment	Highest No. Prev. Filed	No. Extra	Rate	Fee
Total Claims	17	-	20	= 0 x \$ 9/\$18 =	\$
Indep. Claims	8	-	7	= 1 x \$42/\$84 =	<u>\$84.00</u>
<b>TOTAL:</b>					<b>\$84.00</b>

A check in the amount of \$84.00 is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 05-1323 (Docket #381TO/41670C4). A duplicate copy of this letter is attached.

Respectfully submitted,

January 21, 2003

  
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JAN 24 2003

TECHNOLOGY CENTER R3700



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1/27/03  
MPL  
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REPLY UNDER 37 CFR § 1.111

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Commissioner for Patents  
Washington, D.C. 20231

JAN 24 2003

TECHNOLOGY CENTER R3700

Sir:

The following is responsive to the Office Action mailed on or about July 18,  
2002.

IN THE CLAIMS:

Cancel Claims 4, 5 and 8-16.

(A marked-up version of the amended claims is attached to this  
Amendment.)

Amend Claims 6 and 7 as follows:

6. (Amended) A catalyst-deterioration diagnostic system for  
diagnosing a deterioration state of a catalyst, comprising:

a index means for obtaining a value of an index which is used for deciding  
the deterioration state of the catalyst;